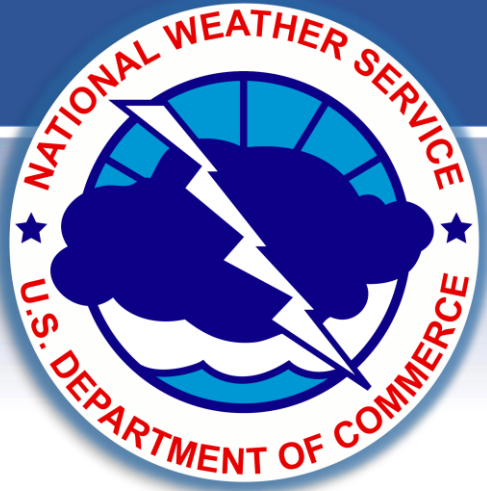


Decision Support Briefing

Southeast River Forecast Center



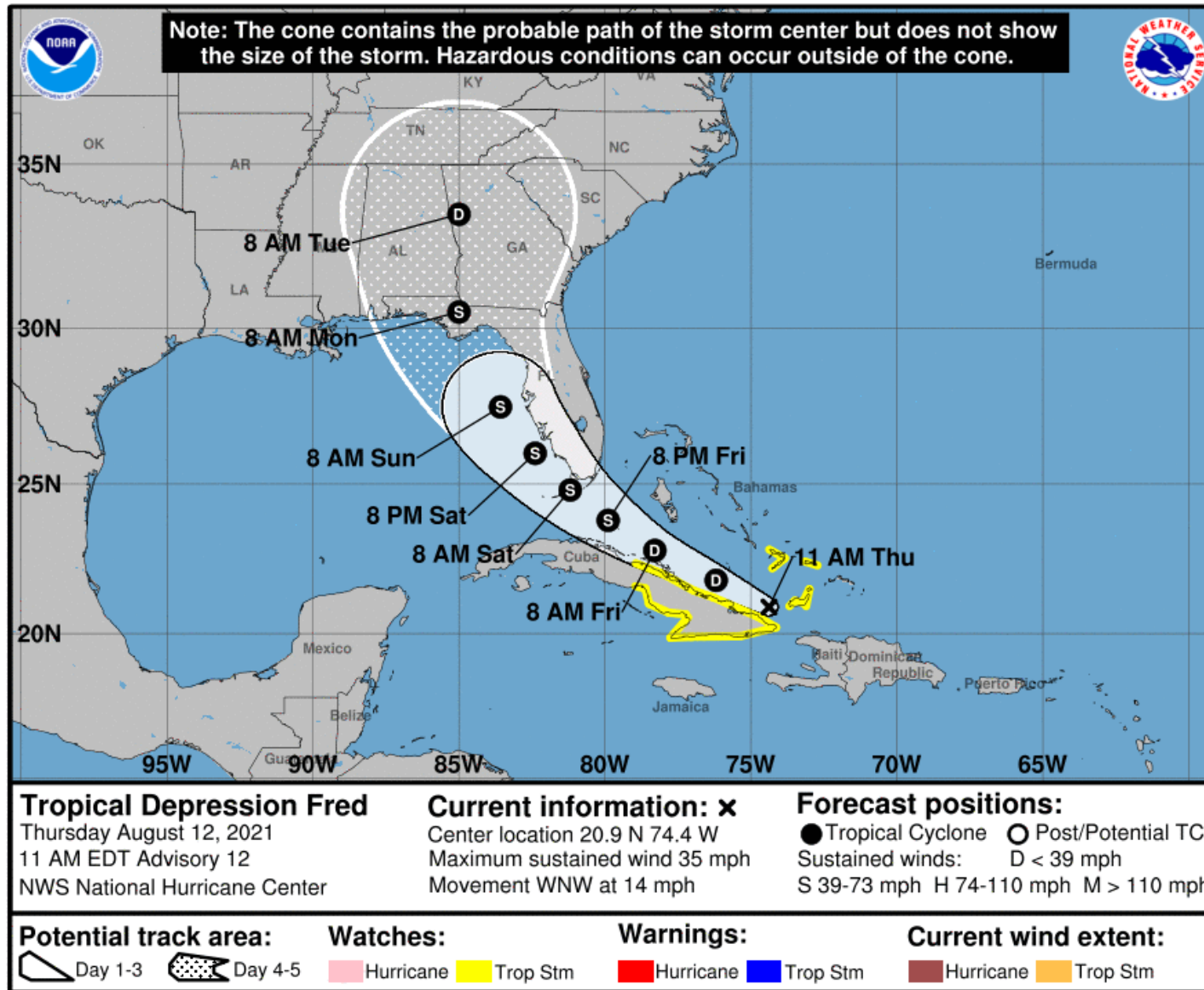
Decision Support Briefing Tropical Depression Fred



Issued: 11:19 AM Thursday, August 12, 2021

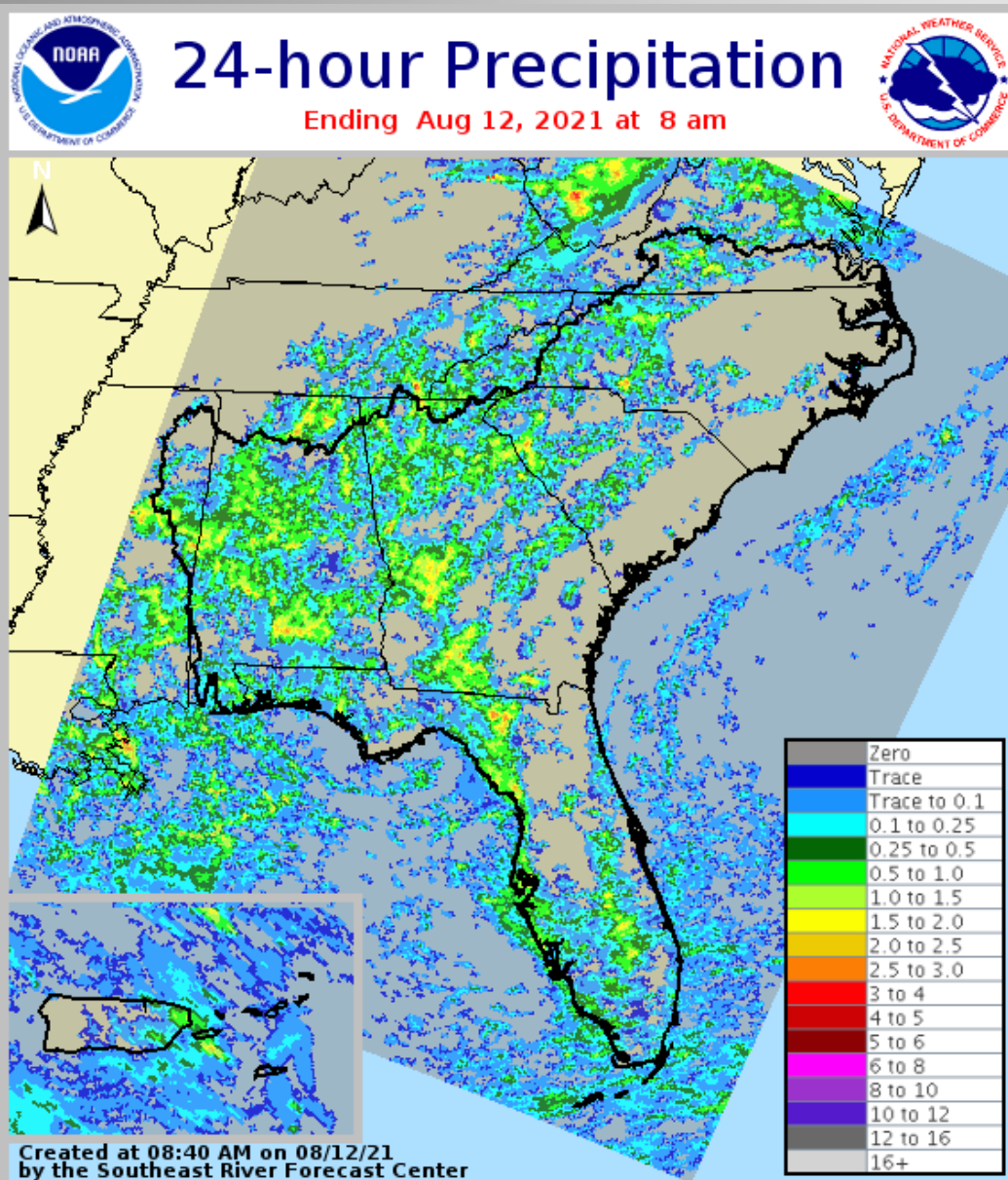


- **Fred is forecast to regain tropical storm strength and be near the Florida peninsula by this weekend.**
- **Streamflows are currently above normal across most of Florida causing an inherent risk for flooding with additional heavy rainfall.**
- **The rivers with the most flood risk at this time are the smaller coastal rivers around Tampa as well as the Suwanee and Santa Fe watersheds. This is based on current conditions and potential rainfall.**
- **The SERFC is currently using 48 hours of QPF (rainfall forecast) in the model thus river forecasts will change through the weekend.**



Fred is forecast to regain tropical storm strength and track northwest over the next couple of days.

Fred will be near the Florida Peninsula by this weekend.



Over the past two weeks, well-above normal rainfall has occurred in the Big Bend area of Florida, including the Suwannee river basin.

Typical summertime convection has brought additional rainfall over the Southeast over the past 24 hours.

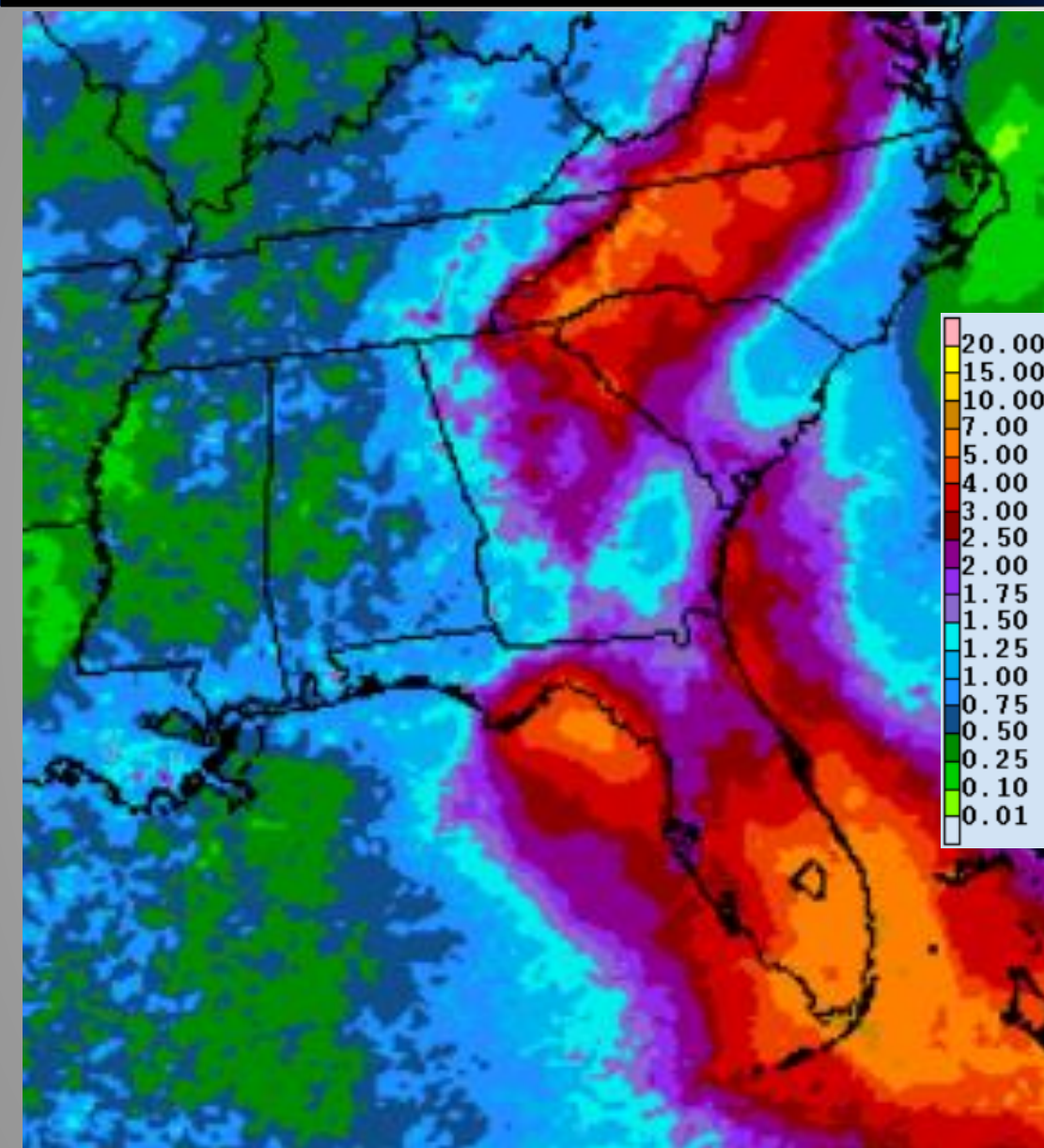
Continued scattered showers and storms are forecast each day ahead of additional impacts from Fred.

7-Day Precipitation Forecast

8 am Thursday 8/12 through 8 am Thursday 8/19

Southeast River Forecast Center

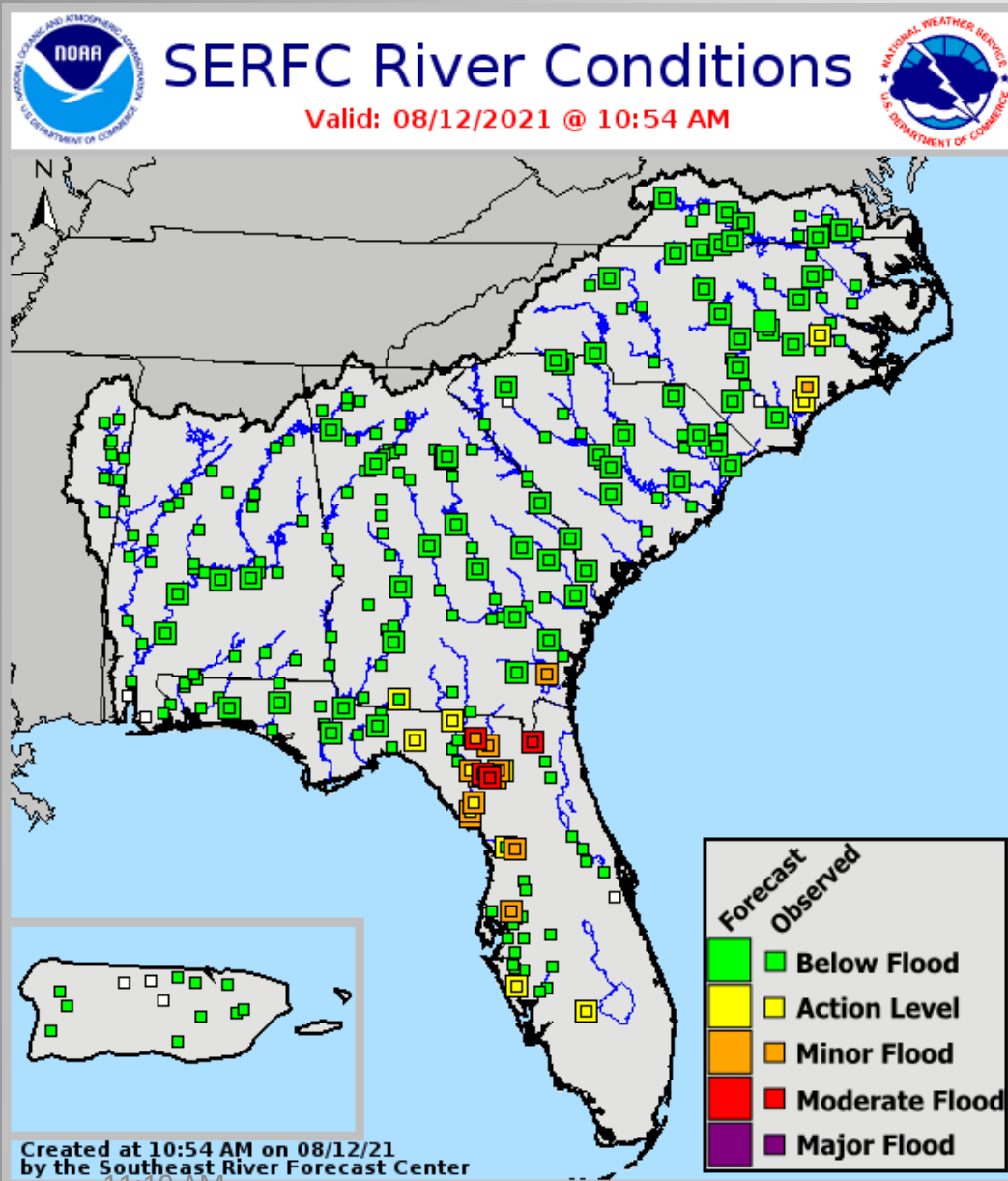
Issued August 12, 2021 11:19 AM ET



Starting this weekend, tropical moisture from Fred will spread across central and south Florida and into the Florida Gulf Coast.

The exact timing and location of the heaviest rainfall is still uncertain.

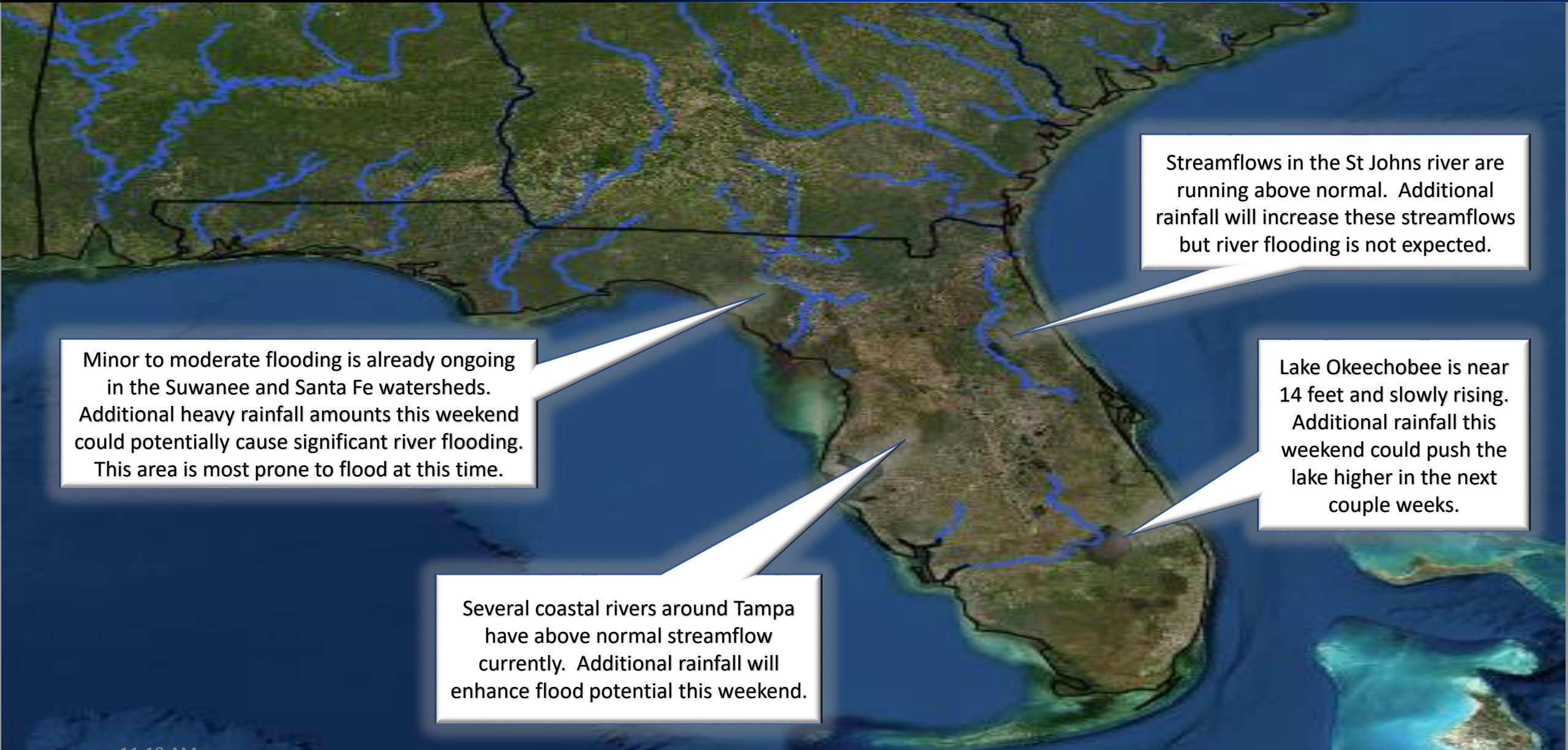
The greatest risk of heavy rainfall is across Florida over the weekend. Early next week, heavy rainfall may also spread into the southern Appalachians.



Minor to moderate flooding continues along parts of the Suwannee and Santa Fe rivers. Many rivers will remain high into the weekend.

Additional rainfall from Fred could enhance flooding conditions, causing higher or new crests or slower recessions on rivers.

River forecasts include only 48 hours of expected rainfall, so expect river forecasts to change over the next several days.



Minor to moderate flooding is already ongoing in the Suwannee and Santa Fe watersheds. Additional heavy rainfall amounts this weekend could potentially cause significant river flooding. This area is most prone to flood at this time.

Streamflows in the St Johns river are running above normal. Additional rainfall will increase these streamflows but river flooding is not expected.

Lake Okeechobee is near 14 feet and slowly rising. Additional rainfall this weekend could push the lake higher in the next couple weeks.

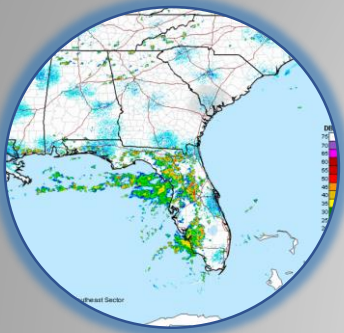
Several coastal rivers around Tampa have above normal streamflow currently. Additional rainfall will enhance flood potential this weekend.



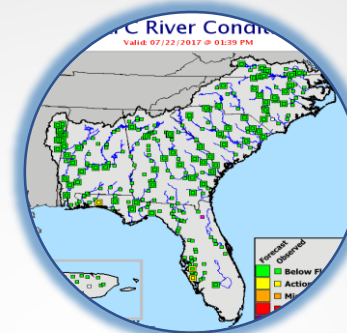
- SERFC is currently in normal operations. Normal operating hours are from 6 am to 10 pm EDT. Please contact us if you have any questions or concerns.
- Additional briefings will be issued through the rest of the week.

Latest River Stages and Forecasts
are available...click here!

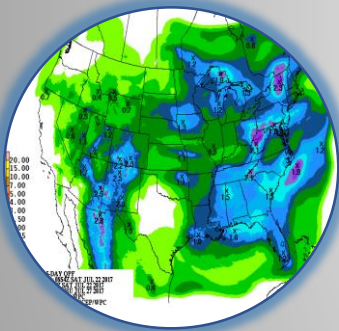
Please send all operational correspondence to
sr-alr.rivers@noaa.gov or call the office directly.



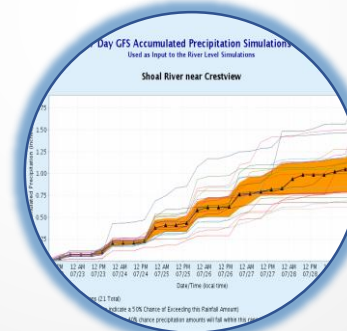
[Latest Radar](#)



[SERFC Quick Brief](#)



[Latest Forecast Rainfall](#)



[MMEFS – Ensemble River Forecasts](#)



The Decision Support Briefing will continue through the week and into the weekend.

- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email sr-alr.rivers@noaa.gov or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover **freshwater flooding**. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*